

WQFMP Support of NPDES Permit Requirements		
(9/1/12 - 7/31/13)		
Section	WQFMP Component/Task/Activity	Requirement
<b><u>S4 - Compliance with Standards</u></b>		
S4.A	<u>Identifies exceedances of standards from stormwater impacts</u> -- Routine Stormwater/Freshwater/Marine bio/chem sampling -- Freshwater/Marine macroinvertebrate sampling/BIBI -- Targeted Storm Event Sampling -- Sediment Sampling -- Flow Station Maintenance and Downloads -- Weather Station Maintenance -- Weather Station Downloads -- Data Analysis and Reporting -- WQFMP and Flowlink Database Upload & Management -- Field Operations Manual - SOP Updates -- Manual Instream Flow (ungaged monitored streams for load calculations) -- EPA Shellfish Recovery Project (w/KPHD) -- Murden Cove Watershed Nutrient Reduction Project (w/KPHD and Sakai Intermediate School)	<i>In accordance with RCW 90.48.520, the discharge of toxicants to waters of the state of Washington which would violate any water quality standard, including toxicant standards, sediment criteria, and dilution zone critieria is prohibited. The required response to such violations is defined in section S4.F...</i>
S4.F - Notification of Noncompliance		<i>A Permittee remains in compliance with S4. despite any discharges prohibited by S4.A. or S4.B., when the Permittee undertakes the following <b>response toward longterm water quality improvement:</b></i>
S4.F.1	-- (see S4.A above)	<i>A Permittee shall notify Ecology in writing within 30 days of becoming aware, <b>based on credible site-specific information</b> , that a discharge from the municipal separate storm sewer owned or operated by the Permittee is causing or contributing to <b>a known or likely violation of Water Quality Standards in the receiving water</b> . Written notification provided under this subsection shall, at a minimum, <b>identify the source of the site-specific information, describe the nature and extent of the known or likely violation in the receiving water</b> , and explain the reasons why the MS4 discharge is believed to be causing or contributing to the problem. For ongoing or continuing violations, a single written notification to Ecology will fulfill this requirement.</i>
S4.F.2	-- (see S4.A above)	<i>In the event that Ecology determines, based on a notification provided under S4.F.1. or through any other means, that a discharge from a municipal separate storm sewer owned or operated by the Permittee is causing or contributing to a violation of Water Quality Standards in a receiving water, Ecology will notify the Permittee in writing that <b>an adaptive management response outlined in S4.F.3. below is required</b> , unless Ecology also determines that (a) the violation of Water Quality Standards is already being addressed by a Total Maximum Daily Load or other enforceable water quality cleanup plan; or (b) Ecology concludes the violation will be eliminated through implementation of other permit requirements.</i>
S4.F.3.a - Adaptive Management Response		<i>Within 60 days of receiving a notification under S4.F.2., or by an alternative date established by Ecology, the Permittee shall review its Stormwater Management Program and submit a report to Ecology. The report shall include:</i>
S4.F.3.a.iii.	<u>Designs/implements BMP effectiveness monitoring</u> -- Final Monitoring Plan: Site Evaluation Report, Sampling and Analysis Plan, Quality Assurance Project Plan	<i>A description of the <b>potential monitoring and other assessment and evaluation efforts that will or may be implemented to monitor, assess, or evaluate the effectiveness of the additional BMPs.</b></i>
<b><u>S5 - Stormwater Management Program for Cities, Towns, and Counties</u></b>		
S5.A.5.b. - Interdepartmental Coordination <u>Provides qualifying rain event alerts to Engineering and O&amp;M</u> -- Weather Station Maintenance -- Weather Station Downloads		<i>The SWMP should include <b>coordination mechanisms among departments within each jurisdiction to eliminate barriers to compliance</b> with the terms of this permit.</i>
S5.C.1 - Public Education and Outreach -- Data Analysis and Reporting ( <i>State of the Island's Waters</i> ) -- Water Quality Monitoring Demo Day		<i>The [Stormwater Management Program] shall include <b>an education program aimed at residents, businesses, industries, elected officials, policy makers, planning staff and other employees of the Permittee. The goal of the education program is to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts.</b></i>

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	-- Public Works Week	
S5.C.1.b	-- Volunteer Training and Coordination (includes Bainbridge Island Watershed Council, Bainbridge Schools, etc.)	(see S5.C.2 below)
S5.C.2 - Public Involvement and Participation	-- Volunteer Training and Coordination (includes Bainbridge Island Watershed Council, Bainbridge Schools, etc.)	<i>The [Stormwater Management Program] shall include ongoing opportunities for public involvement through advisory councils, watershed committees, participation in developing rate-structures, stewardship programs, environmental activities or other similar activities.</i>
S5.C.3 - Illicit Discharge Detection and Elimination	<u>Identifies illicit discharges and connections</u> -- Routine Stormwater/Freshwater/Marine bio/chem sampling -- Freshwater/Marine macroinvertebrate sampling/BIBI -- Targeted Storm Event Sampling -- Sediment Sampling -- Flow Station Maintenance and Downloads -- Weather Station Maintenance -- Weather Station Downloads -- Data Analysis and Reporting -- WQFMP and Flowlink Database Upload & Management -- Field Operations Manual - SOP Updates -- Manual Instream Flow (ungaged monitored streams for load calculations) -- EPA Shellfish Recovery Project (w/KPHD) -- Murden Cove Watershed Nutrient Reduction Project (w/KPHD and Sakai Intermediate School)	<i>The [Stormwater Management Program] shall include an ongoing program to detect and remove illicit connections and discharges as defined in 40 CFR 122.26(b)(2), including any spills not under the purview of another responding authority, into the municipal separate storm sewers owned or operated by the Permittee.</i>
S5.C.3.c.	-- (see S5.C.3 above)	<i>Each Permittee shall implement an ongoing program to detect and address non-stormwater discharges, including spills, and illicit connections into the Permittee's municipal separate storm sewer system....and shall include...</i>
S5.C.3.c.i	-- (see S5.C.3 above)	<i>Procedures for locating priority areas likely to have illicit discharges....</i>
S5.C.3.c.ii.	-- (see S5.C.3 above)	<i>Field assess at least one high priority water body each year in accordance with the requirements of this section.</i>
S5.C.3.e (current) /S5.C.3.f (new) - Record Keeping	-- WR Program e-file cleanup/restructure/index/archive -- WQFMP and Flowlink Database Upload & Management	
S5.C.5 - Pollution Prevention and Operation and Maintenance for Municipal Operations		
S5.C.5.c - O&M Stormwater Facility Inspections	<u>Provides qualifying rain event alerts</u> -- Weather Station Maintenance -- Weather Station Downloads	<i>Spot checks of potentially damaged permanent treatment and flow control facilities (other than catch basins) after major (greater than 24-hour-10-year recurrence interval rainfall) storm events .</i>
<b><u>S7 - Compliance with Total Maximum Daily Load Requirements</u></b>		
S7.A.	-- Final Monitoring Plan: Site Evaluation Report, Sampling and Analysis Plan, Quality Assurance Project Plan -- WR Program e-file cleanup/restructure/index/archive -- WQFMP and Flowlink Database Upload & Management	

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S7.C.	<u>Conducts any required monitoring and informs TMDL development</u> -- (see S5.C.3 above)	<i>For TMDLs that are approved by EPA after this Permit is issued, Ecology may establish TMDL related permit requirements through future permit modification if Ecology determines implementation of actions, monitoring or reporting necessary to demonstrate reasonable further progress toward achieving TMDL waste load allocations, and other targets, are not occurring and shall be implemented during the term of this Permit or when this Permit is reissued. <b>Permittees are encouraged to participate in development of TMDLs within their jurisdiction and to begin implementation.</b></i>
<b><u>S8 - Monitoring (current)</u></b>		
<b><u>S8 - Monitoring and Assessment (new)</u></b>		
	<u>Conducts any required monitoring</u> -- (see S5.C.3 above)	Any <b>sampling or testing required for characterizing illicit discharges pursuant to section S5.C.3.</b> or S6.D.3. of this Permit.
<b><u>S9 - Reporting Requirements</u></b>		
S9.A	<u>Reports on required monitoring or studies</u> -- Data Analysis and Reporting	<i>No later than March 31, 2013, all Permittees shall submit an annual report on an electronic form provided by Ecology.</i>
S9.C	-- GIS Development and Program Support -- Website Management -- Requests for information (All sources, City staff, Council, consultants, general public, etc.)	<i>Each Permittee is required to keep all records related to this permit and the SWMP for at least five years.</i>
S9.D	-- (see S9.C above)	<i>Each Permittee shall make all records related to this permit and the Permittee's SWMP available to the public at reasonable times during business hours.</i>
<b><u>G9 - Monitoring</u></b>		
G9.A. - Representative Sampling	-- Final Monitoring Plan: Site Evaluation Report, Sampling and Analysis Plan, Quality Assurance Project Plan	<i>Samples and measurements taken to meet the requirements of the Permit shall be representative of the volume and nature of the monitored discharge, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.</i>
G9.B. - Records Retention	-- WR Program e-file cleanup/restructure/index/archive -- WQFMP and Flowlink Database Upload & Management -- Field Operations Manual - SOP Updates -- Equipment Inventory/Maintenance	<i>The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by the Permit, and records of all data used to complete the application for this permit.</i>